between said inlets and outlets and said tank, said control valve controlling the flow of source water through said venturi to draw air through said air inlet and into said tank independently of the passage of treated water from said treated water outlet;

a fluid flow connection disposed in the tank and in fluid communication with said inlets and outlets, the fluid flow connection operable to convey fluids in two directions; and

a one way valve in fluid communication with said air inlet, said one way valve allowing the introduction of air to said air inlet.

23. The system of claim **22**, wherein said programmable control valve allows the adjustment of the sequence and timing of a plurality of water treatment cycles.

24. The system of claim **1**, wherein said control device is an electronic programmable device.

25. The system of claim **1**,

which further includes a filtration medium within said tank;

which further includes a support bed within said tank, wherein said support bed is generally disposed beneath said filtration medium;

which further includes a pair of fluid flow passageways disposed in fluid communication between said control valve and said tank, wherein one of said pair of fluid flow passageways having a fluid flow inlet or outlet proximate said top and the other of said pair of fluid flow passageways having an inlet or outlet proximate said bottom, wherein said other of the pair of fluid flow passageways has said inlet or outlet within covered by said medium; and

wherein said control valve is a programmable device.

26. A water treatment system, comprising:

a mechanical housing having an interior volume for holding fluids, said mechanical housing having a top and a bottom; and

a valving mechanism coupled with the mechanical housing and disposed in flow communication with said interior volume, said valving mechanism including a source water inlet adapted to be coupled to a source of water, a drain outlet, a treated water outlet for the passage of treated water therefrom and an air inlet, said air inlet is in flow communication with a venturi within said valving mechanism, said valving mechanism being operable to control the flow of source water through said venturi to draw air through said air inlet and into said tank independently of the passage of treated water from said treated water outlet.

27. The system of claim **26**, wherein said valving mechanism is a programmable valve capable of the adjustment of at least one of the sequence and timing of the plurality of water treatment cycles.

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